Name of Work:Improvements to road and Asphalting to Kala main road and other development works in Surrounding area of K.G. Halli in ward No-12 Shettyhalli Sub Division.

Detailed Measurements

Date of Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
12	Providing and laying bituminous concrete using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-ll (30 mm to 40 mm) with 5.4% VG-30 Bitumen crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level arid alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.							
	Kala Main Road frm SM Road							
	Ch:0.0m to 30.00m		1	30.00	(7.50 + 7.00)/2	0.04	8.70	
	Ch:30.0m to 60.00m		1	30.00	(7.00 + 6.50)/2	0.04	8.10	
	Ch:60.00m to 90.00m		1	30.00	(6.50 + 6.70)/2	0.04	7.92	
	Ch:90.00m to 120.00m		1	30.00	(6.70 + 7.30)/2	0.04	8.40	
	Ch:120.00m to 150.00m		1	30.00	(7.30 + 6.90)/2	0.04	8.52	
	Ch:150.0m to 180.00m		1	30.00	(6.90 + 6.50)/2	0.04	8.04	
	Ch:180.0m to 210.00m		1	30.00	(6.50 + 6.50)/2	0.04	7.80	
	Ch:210.00m to 240.00m		1	30.00	(6.50 + 7.80)/2	0.04	8.58	
	Ch:240.00m to 270.00m		1	30.00	(7.80 + 6.70)/2	0.04	8.70	
	Ch:270.00m to 300.00m		1	30.00	(6.70 + 6.10)/2	0.04	7.68	
	Ch:300.0m to 330.00m		1	30.00	(6.10 + 6.20)/2	0.04	7.38	
	Ch:330.0m to 360.00m		1	30.00	(6.20 + 6.70)/2	0.04	7.74	
	Ch:360.00m to 390.00m		1	30.00	(6.70 + 7.20)/2	0.04	8.34	
	Ch:390.00m to 420.00m		1	30.00	(7.20 + 7.00)/2	0.04	8.52	
	Ch:420.00m to 450.00m		1	30.00	(7.00 + 6.00)/2	0.04	7.80	
	Ch:450.0m to 480.00m		1	30.00	(6.00 + 5.30)/2	0.04	6.78	

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057
31/7/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:480.0m to 510.00m		1	30.00	(5.30 + 5.50) / 2	0.04	6.48	
	Ch:510.00m to 540.00m		1	30.00	(5.50 + 6.00) / 2	0.04	6.90	
	Ch:540.00m to 570.00m		1	30.00	(6.00 + 5.30) / 2	0.04	6.78	
	Ch:570.00m to 600.00m		1	30.00	(5.30 + 7.00) / 2	0.04	7.38	
	Ch:600.0m to 630.00m		1	30.00	(7.00 + 8.50) / 2	0.04	9.30	
	Ch:630.0m to 660.00m		1	30.00	(8.50 + 8.30) / 2	0.04	10.08	
	Ch:660.00m to 690.00m		1	30.00	(8.30 + 7.60) / 2	0.04	9.54	
	Ch:690.00m to 720.00m		1	30.00	(7.60 + 8.30) / 2	0.04	9.54	
	Ch:720.00m to 750.00m		1	30.00	(8.30 + 7.50) / 2	0.04	9.48	
	Ch:750.0m to 780.00m		1	30.00	(7.50 + 7.00) / 2	0.04	8.70	
	Ch:780.0m to 810.00m		1	30.00	(7.00 + 6.70) / 2	0.04	8.22	
	Ch:810.00m to 840.00m		1	30.00	(6.70 + 6.40) / 2	0.04	7.86	
	Ch:840.00m to 870.00m		1	30.00	(6.40 + 6.60) / 2	0.04	7.80	
	Ch:870.00m to 900.00m		1	30.00	(6.60 + 6.30) / 2	0.04	7.74	
	Ch:900.00m to 930.00m		1	30.00	(6.00 + 6.00) / 2	0.04	7.20	
	Ch:930.00m to 955.00m		1	25.00	(6.00 + 5.90) / 2	0.04	5.95	
	Ch:955.00m to 973.80m		1	18.80	(5.90 + 15.80) / 2	0.04	8.16	
	11th Main Road frm Kala Rd							
	Ch:0.0m to 30.00m		1	30.00	(5.00 + 4.30) / 2	0.04	5.58	
	Ch:30.0m to 60.00m		1	30.00	(4.30 + 4.30) / 2	0.04	5.16	
	Ch:60.00m to 90.00m		1	30.00	(4.30 + 4.30) / 2	0.04	5.16	
	Ch:90.00m to 120.00m		1	30.00	(4.30 + 4.50) / 2	0.04	5.28	
	Ch:120.00m to 131.20m		1	11.20	(4.50 + 5.20) / 2	0.04	2.17	

EXECUTIVE ENGINEER
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Dasarahalli Division, Bangalore-560057

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Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:137.60m to 167.60m		1	30.00	5.00 + 5.00 / 2	0.04	6.00	
	Ch:167.60m to 197.60m		1	30.00	5.00 + 4.70 / 2	0.04	5.82	
	Ch:197.60m to 227.60m		1	30.00	4.70 + 4.60 / 2	0.04	5.58	
	Ch:227.60m to 257.60m		1	30.00	4.60 + 5.60 / 2	0.04	6.12	
	Ch:257.60m to 287.60m		1	30.00	5.60 + 3.50 / 2	0.04	5.46	
	Ch:287.60m to 317.60m		1	30.00	3.50 + 4.10 / 2	0.04	4.56	
	13th Main Road frm Kala Rd							
	Ch:0.0m to 26.00m		1	26.00	4.50 + 5.60 / 2	0.04	5.25	
	Ch:26.00m to 56.00m		1	30.00	4.50 + 4.50 / 2	0.04	5.40	
	Ch:56.00m to 86.00m		1	30.00	4.50 + 4.30 / 2	0.04	5.28	
	Ch:86.00m to 107.00m		1	21.00	4.30 + 2.80 / 2	0.04	2.98	
	12th Main Road frm Kala Rd							
	Ch:0.0m to 30.00m		1	30.00	5.20 + 3.80 / 2	0.04	5.40	
	Ch:30.00m to 60.00m		1	30.00	3.80 + 4.90 / 5	0.04	5.22	
	Ch:60.00m to 90.00m		1	30.00	4.90 + 4.70 / 2	0.04	5.76	
	Ch:90.00m to 96.00m		1	6.00	4.70 + 4.70 / 2	0.04	1.13	
	10th Main Road frm Kala Rd							
	Ch:0.0m to 30.00m		1	30.00	5.60 + 4.80 / 2	0.04	6.24	
	Ch:30.00m to 60.00m		1	30.00	4.80 + 4.10 / 5	0.04	5.34	
	Ch:60.00m to 86.20m SWD		1	26.20	4.10 + 5.00 / 2	0.04	4.77	
	Ch:0.0m to 30.00m		1	30.00	5.30 + 5.50 / 2	0.04	6.48	
	Ch:30.00m to 40.60m		1	10.60	5.50 + 5.50 / 2	0.04	2.33	
	9th Main Road frm B.Side							
	Ch:0.0m to 30.00m		1	30.00	4.20 + 4.70 / 2	0.04	5.34	

31/7/19
EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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em No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 43.30m SWD		1	13.30	4.70 + 4.30 / 5	0.04	2.39	
	Ch:0.0m to 30.00m		1	30.00	5.30 + 3.90 / 2	0.04	5.52	
	Ch:30.00m to 60.00m		1	30.00	5.30 + 4.80 / 2	0.04	6.06	
	Ch:60.00m to 90.80m		1	30.80	4.80 + 4.80 / 2	0.04	5.91	
	8th Main Road frm Kala Rd							
	Ch:0.0m to 30.00m		1	30.00	3.50 + 3.50 / 2	0.04	4.20	
	Ch:30.00m to 60.00m		1	30.00	3.50 + 4.00 / 5	0.04	4.50	
	Ch:60.00m to 81.50m SWD		1	21.50	4.00 + 3.30 / 2	0.04	3.14	
	Ch:0.0m to 30.00m		1	30.00	5.30 + 4.80 / 2	0.04	6.06	
	Ch:30.00mto 54.90m		1	24.90	4.80 + 4.80 / 2	0.04	4.78	
	7th Main Road frm B.Side							
	Ch:0.0m to 30.00m		1	30.00	4.30 + 4.30 / 2	0.04	5.16	
	Ch:30.00m to 40.60m Bridge		1	10.60	4.30 + 4.30 / 5	0.04	1.82	
	Ch:0.0m to 30.00m		1	30.00	5.00 + 4.20 / 2	0.04	5.52	
	Ch:30.00m to 60.00m		1	30.00	4.20 + 3.60 / 2	0.04	4.68	
	Ch:60.00m to 90.00m		1	30.00	3.60 + 3.60 / 2	0.04	4.32	
	Ch:90.00m to 91.00m		1	1.00	3.60 + 3.80 / 2	0.04	0.15	
	6th Main Road frm Kala Rd							
	Ch:0.0m to 30.00m		1	30.00	4.30 + 4.60 / 2	0.04	5.34	
	Ch:30.00m to 60.00m		1	30.00	4.60 + 3.40 / 5	0.04	4.80	
	Ch:60.0m to 83.80m SWD		1	23.80	3.40 + 4.00 / 2	0.04	3.52	
	Ch:0.00m to 30.00m		1	30.00	5.00 + 5.00 / 2	0.04	6.00	
	Ch:30.00m to 49.70m		1	19.70	5.00 + 5.00 / 2	0.04	3.94	
	5th Main Road frm SWD							

31/7/17
EXECUTIVE ENGINEER
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Dasarahalli Division, Bangalore-560057

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em No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:0.0m to 30.00m		1	30.00	(4.60 + 5.30) / 2	0.04	5.94	
	Ch:30.00m to 34.50		1	4.50	(5.30 + 5.30) / 5	0.04	0.95	
	Ch:0.0m to 24.80m		1	24.80	(3.80 + 4.50) / 2	0.04	4.12	
	5th Main Road frm Kala Rd							
	Ch:0.00m to 30.00m		1	30.00	(5.00 + 4.70) / 2	0.04	5.82	
	Ch:30.00m to 60.00m		1	30.00	(4.70 + 3.70) / 2	0.04	5.04	
	Ch:60.00m to 82.60m SWD		1	22.60	(5.00 + 5.00) / 2	0.04	4.52	
	Ch:0.00m to 30.00m		1	30.00	(8.10 + 5.00) / 2	0.04	7.86	
	Ch:30.00m to 54.00m		1	24.00	(5.00 + 5.00) / 2	0.04	4.80	
	Crs Rd-1 frm B/s							
	Ch:0.00m to 30.00m		1	30.00	(5.00 + 5.00) / 2	0.04	6.00	
	Ch:30.00m to 48.00m		1	18.00	(5.00 + 4.80) / 2	0.04	3.53	
	Crs Rd-2 frm B/s							
	Ch:0.00m to 30.00m		1	30.00	(4.00 + 4.50) / 2	0.04	5.10	
	Ch:30.00m to 44.80m		1	14.80	(4.50 + 4.00) / 2	0.04	2.52	
	1st Cross frm 3rd Main							
	Ch:0.0m to 30.00m		1	30.00	(6.00 + 4.40) / 2	0.04	6.24	
	Ch:30.0m to 60.00m		1	30.00	(4.40 + 4.20) / 2	0.04	5.16	
	Ch:60.00m to 90.00m		1	30.00	(4.20 + 5.50) / 2	0.04	5.82	
	Ch:90.00m to 120.00m		1	30.00	(5.50 + 5.00) / 2	0.04	6.30	
	Ch:120.00m to 150.00m		1	30.00	(5.00 + 4.70) / 2	0.04	5.82	
	Ch:150.00mto 173.40m C/R		1	23.40	(4.70 + 5.60) / 2	0.04	4.82	
	Crs Rd-1							
	Ch:0.0m to 30.00m		1	30.00	(5.60 + 4.50) / 2	0.04	7.36	
	Ch:30.0m to 36.40m Culvert		1	6.40	(4.50 + 4.50) / 2	0.04	1.15	

EXECUTIVE ENGINEER 31/7/19
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
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Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Ch:0.0m to 14.30m		1	14.30	(5.50 + 6.30) / 2	0.04	3.37	
	Ch:173.40m to 203.40m		1	30.00	(4.50 + 4.80) / 2	0.04	5.58	
	Ch:203.40m to 233.40m		1	30.00	(4.80 + 4.50) / 2	0.04	5.58	
	Ch:233.40m to 263.40m		1	30.00	(4.50 + 5.00) / 2	0.04	5.70	
	Ch:263.40m to 293.40m		1	30.00	(5.00 + 4.70) / 2	0.04	5.82	
	Ch:293.40m to 323.40m		1	30.00	(4.70 + 4.70) / 2	0.04	5.64	
	Ch:323.40m to 353.40m		1	30.00	(4.70 + 4.40) / 2	0.04	5.46	
	Ch:353.40m to 383.40m		1	30.00	(4.40 + 4.40) / 2	0.04	5.28	
	Ch:383.40m to 385.40m SWD		1	2.00	(4.40 + 4.10) / 2	0.04	0.34	
	Ch:0.00m to 22.40m		1	22.40	(6.00 + 4.80) / 2	0.04	4.84	
	Raghavendra Layout 2nd Crs							
	Ch:0.0m to 30.00m		1	30.00	(5.00 + 4.80) / 2	0.04	5.88	
	Ch:30.0m to 60.00m		1	30.00	(4.80 + 4.80) / 2	0.04	5.76	
	Ch:60.00m to 90.00m		1	30.00	(4.80 + 4.90) / 2	0.04	5.82	
	Ch:90.00m to 120.00m		1	30.00	(4.90 + 4.80) / 2	0.04	5.82	
	Ch:120.00m to 150.00m		1	30.00	(4.80 + 4.90) / 2	0.04	5.82	
	Ch:150.00mto 180.00m		1	30.00	(4.90 + 4.90) / 2	0.04	5.88	
	Ch:180.00m to 198.00m		1	18.00	(4.90 + 5.00) / 2	0.04	3.56	
	Deduct Man holes		-38		0.28	0.04	-0.43	
						Present Qty	**662.34**	**Cum**

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

Name of Work:Improvements to road and Asphalting to Kala main road and other development works in Surrounding area of K.G. Halli in ward No-12 Shettyhalli Sub Division.

Detailed Measurements

Date of Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
14	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications.							
	Kammagondanahalli Flour Mill Surrounding							
	10th Crs frm Kghalli to 11th Crs							
	Ch:0.0m to 30.00m		1	30.00	(4.10 + 4.10)/2	0.15	18.45	
	Ch:30.0m to 60.00m		1	30.00	(4.10 + 5.20)/2	0.15	20.93	
	Ch:60.00m to 90.00m		1	30.00	(5.20 + 5.00)/2	0.15	22.95	
	Ch:90.00m to 120.00m		1	30.00	(5.00 + 3.50)/2	0.15	19.13	
	Ch:120.00m to 130.50m		1	10.50	(3.50 + 3.50)/2	0.15	5.51	
	Maramma Temple Rd							
	Ch:0.0m to 30.00m		1	30.00	(5.10 + 4.90)/2	0.15	22.50	
	Ch:30.0m to 60.00m		1	30.00	(4.90 + 5.05)/2	0.15	22.39	
	Cross Road-1							
	Ch:0.0m to 18.60m		1	18.60	(3.40 + 3.90)/2	0.15	10.18	
	Cross Road-2 Ch:30.0m to 17.70m		1	17.70	(3.00 + 4.20)/2	0.15	9.56	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು